Description

The Analogue Modulation Communication Trainer (PAM/PWM/PPM) is a compact, laboratory-oriented training system designed for practical instruction in analogue pulse modulation techniques. The trainer enables detailed study of modulation and demodulation processes using internally generated signals and synchronized clocking, making it suitable for engineering education and laboratory experiments.

Functional Capabilities

- **Modulation & Demodulation Techniques:**
    - Pulse Amplitude Modulation (PAM)
    - Pulse Width Modulation (PWM)
    - Pulse Position Modulation (PPM)

- **Internal Signal Generator:**
    - XR2206 IC–based signal generator

- **Signal Types:**
    - Sine wave
    - Square wave

- **Signal Frequency Range:**
    - 200 Hz to 2 kHz

- **Sampling / Ramp Frequency:**
    - 2 kHz to 10 kHz (synchronous clock operation)

- **Low-Pass Filter:**
    - Cut-off frequency: 5 kHz

Mechanical Specifications

- **Dimensions (W × D × H):** 265 × 185 × 95 mm Aprox

- **Weight:** Approximately 1.5 kg Aprox

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Electrical Specifications

- **Power Supply:** 110 V – 260 V AC, 50/60 Hz

Environmental Conditions

- **Operating Temperature:** 0 °C to 40 °C

- **Relative Humidity:** Up to 85% RH

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

Export Sales: +91-9829132777
India Sales: +91-9588842361

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Jaipur-302022, India.

info@tesca.in
www.**tescaglobal**.com

CIN: U29309RJ2011PTC035213
GSTIN: 08AADCT8576E1ZZ

Follow Tescaglobal

worlddidac MEMBER